



STATE OF MAINE  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN ELIAS BALDACCI  
GOVERNOR

DAVID P. LITTELL  
COMMISSIONER

**F. R. Carroll, Inc.  
York County  
Limerick, Maine  
A-478-71-L-R (SM)**

**Departmental  
Findings of Fact and Order  
Air Emission License**

After review of the air emission license application, staff investigation reports, and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., §344 and §590, the Department finds the following facts:

**I. REGISTRATION**

**A. Introduction**

F. R. Carroll, Inc. (FRC), located in Limerick, Maine has applied to renew their Air Emission License, permitting the operation of their hot mix asphalt plant, concrete batch plant and their crushed stone and gravel facility.

**B. Emission Equipment**

**Asphalt Plant**

<u>Equipment</u>	<u>Process Rate (Ton/hour)</u>	<u>Design Capacity Firing Rate</u>	<u>Control Devices</u>	<u>Date of Manu- facture</u>
Batch mix asphalt plant	300	79.9 MMBtu/hr, diesel, 0.05% S	Baghouse, Low NOx Burner	2007

**Heating Equipment**

<u>Equipment</u>	<u>Maximum Capacity</u>	<u>Fuel Type</u>	<u>Maximum Firing Rate</u>
Boiler #3	2.7 MMBtu/hr	Diesel, 0.05%	19.7 gal/hr

**Concrete Plant**

<u>Equipment</u>	<u>Production Rate (Cubic yards/hour)</u>	<u>Control Devices</u>
Concrete Batch Plant	80	Baghouse

AUGUSTA  
17 STATE HOUSE STATION  
AUGUSTA, MAINE 04333-0017  
(207) 287-7688 FAX: (207) 287-7826  
RAY BLDG., HOSPITAL ST.

BANGOR  
106 HOGAN ROAD  
BANGOR, MAINE 04401  
(207) 941-4570 FAX: (207) 941-4584

PORTLAND  
312 CANCO ROAD  
PORTLAND, MAINE 04103  
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE  
1235 CENTRAL DRIVE, SKYWAY PARK  
PRESQUE ISLE, MAINE 04769-2094  
(207) 764-0477 FAX: (207) 760-3143

### Rock Crushers

<u>Designation</u>	<u>Powered</u>	<u>Process Rate (Tons/hour)</u>	<u>Date of Manufacture</u>	<u>Control Device</u>
RC #1	Electrical	250	1984	Spray Nozzles
RC #2	Electrical	250	1984	Spray Nozzles
RC #3	Electrical	125	1984	Spray Nozzles
RC #4	Electrical	125	1984	Spray Nozzles

### Diesel Units

<u>Source ID</u>	<u>Max. Capacity MMBtu/hr</u>	<u>Max. Firing Rate Gal/hr</u>	<u>Fuel Type, % Sulfur</u>
Generator #1	5.5	40.1	Diesel fuel, 0.05%
Generator #2	3.6	26.3	Diesel fuel, 0.05%
Generator #3	1.9	13.9	Diesel fuel, 0.05%
Generator #4	0.8	5.8	Diesel fuel, 0.05%
Generator #5	9.7	70.8	Diesel Fuel, 0.05%

#### C. Application Classification

The application for FRC does not include the licensing of increased emissions or the installation of new or modified equipment, therefore the license is considered to be a renewal of current licensed emissions units only per *Major and Minor Source Air Emission License Regulations*, 06-096 CMR 115 (last amended December 24, 2005).

## II. BEST PRACTICAL TREATMENT

#### A. Introduction

In order to receive a license the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in *Definitions Regulation*, 06-096 CMR 100 (last amended December 24, 2005). Separate control requirement categories exist for new and existing equipment as well as for those sources located in designated non-attainment areas.

BPT for existing emissions equipment means that method which controls or reduces emissions to the lowest possible level considering:

- the existing state of technology;
- the effectiveness of available alternatives for reducing emissions from the source being considered; and
- the economic feasibility for the type of establishment involved.

**B. Batch Mix Asphalt Plant**

The batch mix asphalt plant was manufactured in 2007 and is therefore subject to EPA New Source Performance Standards (NSPS) Subpart I for Hot Mix Asphalt Facilities manufactured after June 11, 1973.

The batch mix asphalt plant fires #2 fuel oil with a sulfur content not to exceed 0.05%. Fuel use shall not exceed 750,000 gallons per year, based on a 12 month rolling total.

To meet the requirements of Best Practical Treatment (BPT) and NSPS for the control of particulate matter (PM) emissions, the batch mix asphalt plant shall vent to a baghouse. Opacity from the asphalt batch plant baghouse is limited to no greater than 20% on a six (6) minute block average basis, except for no more than two (2) six (6) minute block averages in a continuous 3-hour period.

Based on the above hot mix asphalt plant process rate, the maximum emission rate from the asphalt baghouse shall be limited to 0.03 grs/dscf (12.75 lb/hr).

The performance of the baghouse shall be constantly monitored by either one of the following at all times the batch mix asphalt plant is operating:

1. PM detector – when the detector signals excessive PM concentrations in the exhaust stream, FRC shall take corrective action within 24 hours, or immediately if opacity exceeds 20%.
2. Personnel with a current EPA Method 9 visible emissions certification – when the opacity exceeds 20%, the hot mix asphalt plant is operating with insufficient control and corrective action shall be taken immediately.

General process emissions from the asphalt plant shall be controlled so as to prevent visible emissions in excess of 20% opacity on a six (6) minute block average basis except for no more than one (1) six (6) minute block average in a 1-hour period.

FRC may process up to 10,000 cubic yards per year of soil contaminated by gasoline or #2 fuel oil without prior approval from the Department. This limit may be exceeded with written authorization from the Department. The plant owner or operator shall notify the Department at least 24 hours prior to processing the contaminated soil and specify the contaminating fuel and quantity, origin of the soil and fuel and the disposition of the contaminated soil.

C. Concrete Batch Plant

To meet the requirements of BPT for control of particulate matter (PM) emissions from the cement silo, particulate emissions shall be vented through a baghouse maintained for 99% removal efficiency. Visible emissions from the cement silo baghouse is limited to no greater than 10% opacity on a six (6) minute block average basis except for no more than one (1) six (6) minute block average in a 1-hour period. The facility shall take corrective action if visible emissions from the baghouses exceed 5% opacity.

All components of the concrete batch plant shall be maintained so as to prevent PM leaks. Visible emissions from concrete batching operations shall not exceed 20% opacity on a six (6) minute block average basis except for no more than one (1) six (6) minute block average in a 1-hour period.

D. Rock Crushers

RC #1 is a portable unit manufactured in 1984 with a rated capacity of 250 tons per hour. RC #2 is a stationary unit manufactured in 2001 with a rated capacity of 250 tons per hour. RC #3 and RC #4 are stationary units manufactured in 1984, each with a rated capacity of 125 tons per hour. Therefore, RC #1, RC #2, RC #3 and RC#4 are therefore subject to EPA New Source Performance Standards (NSPS) Subpart OOO for Nonmetallic Mineral Processing Plants manufactured after August 31, 1983, with capacities greater than 150 tons/hr for portable plants and greater than 25 tons/hr for non-portable plants.

The regulated pollutant from the rock crushers is particulate emissions. To meet the requirements of Best Practical Treatment (BPT) for control of particulate matter (PM) emissions from the rock crushers, FRC shall maintain water sprays on the rock crushers and operate as needed to control visible emissions. Visible emissions from the rock crushers shall be limited to no greater than 10% opacity on a six (6) minute block average basis.

E. Diesel Units

FRC operates five generators to power the crushers and asphalt plant. A summary of the BPT analysis for Generators #1 to #5, inclusive, is the following:

1. The total fuel use for the Boiler #3 and Generators #1 - #5, inclusive, shall not exceed 100,000 gallons per year of diesel fuel with a maximum sulfur content not to exceed 0.05% by weight, based on a 12 month rolling total.
2. *Low Sulfur Fuel*, 06-096 CMR 106 (last amended July 4, 1999) regulates fuel sulfur content, however in this case a BPT analysis for SO<sub>2</sub> determined a more stringent limit of 0.05% was appropriate and shall be used.
3. *Fuel Burning Equipment Particulate Emission Standard*, 06-096 CMR 103 (last amended November 3, 1990) regulates PM emission limits for Generators #1 #2 and #5. The PM<sub>10</sub> limits are derived from the PM limits.
4. The PM and PM<sub>10</sub> limits for Generators #3 and #4 are derived from 06-096 CMR 103.
5. For Generators # 1 - #4 inclusive, NO<sub>x</sub>, CO, and VOC emission limits are based upon AP-42 data dated 10/96. For Generator #5, NO<sub>x</sub>, CO and VOC emissions are based on vendor-supplied, guaranteed-not-to-exceed data.
6. Visible emissions from each generator shall each not exceed 20% opacity on a six (6) minute block average, except for no more than two (2) six (6) minute block averages in a continuous 3-hour period.

F. Boiler #3

Boiler #3 is a water heater used in the concrete plant.

A summary of BPT for Boiler #3 (2.7 MMBtu/hr) is the following:

1. Total fuel use for Boiler #3 and Generators #1 - #5, inclusive, shall not exceed 100,000 gallons per year of diesel fuel, with a maximum sulfur content not to exceed 0.05% by weight, based on a 12 month rolling total.
2. 06-096 CMR 106 regulates fuel sulfur content; however, in this case BPT for SO<sub>2</sub> determined a more stringent limit of 0.05% was appropriate and shall be used.
3. The PM and PM<sub>10</sub> limits are derived from 06-096 CMR 103.
4. NO<sub>x</sub> emission limits are based on data from similar #2 fired boilers of this size and age.
5. CO and VOC emission limits are based on AP-42 data dated 9/98.
6. Visible emissions from Boiler #3 shall each not exceed 20% opacity on a six (6) minute block average, except for no more than one (1) six (6) minute block averages in a continuous 3-hour period.

G. Stock Piles and Roadways

Visible emissions from a fugitive emission source shall not exceed an opacity of 20%, except for no more than five (5) minutes in any 1-hour period. Compliance shall be determined by an aggregate of the individual fifteen (15)-second opacity observations which exceed 20% in any one (1) hour.

H. General Process Emissions

Visible emissions from any other general process (including non-NSPS crusher conveyor belts, transfer points, bucket elevators, bagging operations, etc.) shall not exceed an opacity of 20% on a six (6) minute block average basis, except for no more than one (1) six (6) minute block average in a 1-hour period.

I. Facility Emissions

FRC shall be restricted to the following annual emissions, based on a calendar year:

**Total Licensed Annual Emissions for the Facility**  
(Used to calculate the annual license fee)

	<b>PM</b>	<b>PM<sub>10</sub></b>	<b>SO<sub>2</sub></b>	<b>NO<sub>x</sub></b>	<b>CO</b>	<b>VOC</b>
Boiler #3 and Generators*	0.82	0.82	0.35	30.21	6.51	2.40
Asphalt Plant	8.38	8.38	2.64	23.65	78.85	1.62

<b>Total TPY</b>	<b>9.2</b>	<b>9.2</b>	<b>3.0</b>	<b>53.9</b>	<b>85.4</b>	<b>4.0</b>
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\* Based on highest emissions for the category

**III. AMBIENT AIR QUALITY ANALYSIS**

According to 06-096 CMR 115, the level of air quality analyses required for a renewal source shall be determined on a case-by-case basis. Modeling and monitoring are not required of a renewal if the total emissions of any pollutant released do not exceed the following:

<u><b>Pollutant</b></u>	<u><b>TPY</b></u>
PM	25
PM <sub>10</sub>	25
SO <sub>2</sub>	50
NO <sub>x</sub>	100
CO	250

Based on the total facility licensed emissions, FRC is below the emissions level required for modeling and monitoring.

### ORDER

Based on the above Findings and subject to conditions listed below the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards,
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License A-478-7-L-R, subject to the following conditions:

Severability. The invalidity or unenforceability of any provision, or part thereof, of this License shall not affect the remainder of the provision or any other provisions. This License shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

### STANDARD CONDITIONS

- (1) Employees and authorized representatives of the Department shall be allowed access to the licensee's premises during business hours, or any time during which any emissions units are in operation, and at such other times as the Department deems necessary for the purpose of performing tests, collecting samples, conducting inspections, or examining and copying records relating to emissions. [06-096 CMR 115]
- (2) The licensee shall acquire a new or amended air emission license prior to commencing construction of a modification, unless specifically provided for in Chapter 115. [06-096 CMR 115]
- (3) Approval to construct shall become invalid if the source has not commenced construction within eighteen (18) months after receipt of such approval or if construction is discontinued for a period of eighteen (18) months or more. The Department may extend this time period upon a satisfactory showing that an extension is justified, but may condition such extension upon a review of either the control technology analysis or the ambient air quality standards analysis, or both. [06-096 CMR 115]

- (4) The licensee shall establish and maintain a continuing program of best management practices for suppression of fugitive particulate matter during any period of construction, reconstruction, or operation which may result in fugitive dust, and shall submit a description of the program to the Department upon request. [06-096 CMR 115]
- (5) The licensee shall pay the annual air emission license fee to the Department, calculated pursuant to 38 M.R.S.A. § 353. [06-096 CMR 115]
- (6) The license does not convey any property rights of any sort, or any exclusive privilege. [06-096 CMR 115]
- (7) The licensee shall maintain and operate all emission units and air pollution systems required by the air emission license in a manner consistent with good air pollution control practice for minimizing emissions. [06-096 CMR 115]
- (8) The licensee shall maintain sufficient records to accurately document compliance with emission standards and license conditions and shall maintain such records for a minimum of six (6) years. The records shall be submitted to the Department upon written request. [06-096 CMR 115]
- (9) The licensee shall comply with all terms and conditions of the air emission license. The filing of an appeal by the licensee, the notification of planned changes or anticipated noncompliance by the licensee, or the filing of an application by the licensee for a renewal of a license or amendment shall not stay any condition of the license. [06-096 CMR 115]
- (10) The licensee may not use as a defense in an enforcement action that the disruption, cessation, or reduction of licensed operations would have been necessary in order to maintain compliance with the conditions of the air emission license. [06-096 CMR 115]
- (11) In accordance with the Department's air emission compliance test protocol and 40 CFR Part 60 or other method approved or required by the Department, the licensee shall:
  - A. perform stack testing to demonstrate compliance with the applicable emission standards under circumstances representative of the facility's normal process and operating conditions:



1. within sixty (60) calendar days of receipt of a notification to test from the Department or EPA, if visible emissions, equipment operating parameters, staff inspection, air monitoring or other cause indicate to the Department that equipment may be operating out of compliance with emission standards or license conditions; or
  2. pursuant to any other requirement of this license to perform stack testing.
- B. install or make provisions to install test ports that meet the criteria of 40 CFR Part 60, Appendix A, and test platforms, if necessary, and other accommodations necessary to allow emission testing; and
- C. submit a written report to the Department within thirty (30) days from date of test completion.
- [06-096 CMR 115]
- (12) If the results of a stack test performed under circumstances representative of the facility's normal process and operating conditions indicate emissions in excess of the applicable standards, then:
- A. within thirty (30) days following receipt of such test results, the licensee shall re-test the non-complying emission source under circumstances representative of the facility's normal process and operating conditions and in accordance with the Department's air emission compliance test protocol and 40 CFR Part 60 or other method approved or required by the Department; and
  - B. the days of violation shall be presumed to include the date of stack test and each and every day of operation thereafter until compliance is demonstrated under normal and representative process and operating conditions, except to the extent that the facility can prove to the satisfaction of the Department that there were intervening days during which no violation occurred or that the violation was not continuing in nature; and
  - C. the licensee may, upon the approval of the Department following the successful demonstration of compliance at alternative load conditions, operate under such alternative load conditions on an interim basis prior to a demonstration of compliance under normal and representative process and operating conditions.
- [06-096 CMR 115]
- (13) Notwithstanding any other provisions in the State Implementation Plan approved by the EPA or Section 114(a) of the CAA, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any statute, regulation, or Part 70 license requirement. [06-096 CMR 115]

- (14) The licensee shall maintain records of malfunctions, failures, downtime, and any other similar change in operation of air pollution control systems or the emissions unit itself that would affect emission and that is not consistent with the terms and conditions of the air emission license. The licensee shall notify the Department within two (2) days or the next state working day, whichever is later, of such occasions where such changes result in an increase of emissions. The licensee shall report all excess emissions in the units of the applicable emission limitation. [06-096 CMR 115]
- (15) Upon written request from the Department, the licensee shall establish and maintain such records, make such reports, install, use and maintain such monitoring equipment, sample such emissions (in accordance with such methods, at such locations, at such intervals, and in such a manner as the Department shall prescribe), and provide other information as the Department may reasonably require to determine the licensee's compliance status. [06-096 CMR 115]

#### **SPECIFIC CONDITIONS**

(16) **Batch Mix Asphalt Plant**

- A. Emissions from the batch mix asphalt plant shall vent to a baghouse, and all components of the asphalt plant shall be maintained so as to prevent PM leaks. [06-096 CMR 115, BPT]
- B. The performance of the baghouse shall be constantly monitored by either one of the following at all times the batch mix asphalt plant is operating [06-096 CMR 115, BPT]:
1. PM detector – when the detector signals excessive PM concentrations in the exhaust stream, FRC shall take corrective action within 24 hours, or immediately if opacity exceeds 20%.
  2. Personnel with a current EPA Method 9 visible emissions certification – when the opacity exceeds 20%, the asphalt plant is operating with insufficient control and corrective action shall be taken immediately.
- C. To document maintenance of the baghouse, the licensee shall keep a maintenance log recording the date and location of all bag failures as well as all routine maintenance. The maintenance log shall be kept on-site at the asphalt plant location. [06-096 CMR 115, BPT]

- D. FRC shall be limited to the use of 750,000 gallons per calendar year of #2 fuel oil in the batch mix asphalt plant, based on a 12 month rolling total. Emissions from the baghouse shall not exceed the following [06-096 CMR 115, BPT]:

<u>Pollutant</u>	<u>grs/dscf</u>	<u>lb/hr</u>
PM	0.03	12.75
PM <sub>10</sub>	-	12.75
SO <sub>2</sub>	-	4.02
NO <sub>x</sub>	-	36.00
CO	-	120.00
VOC	-	2.46

- E. FRC may process up to 10,000 cubic yards per year of soil contaminated by gasoline or #2 fuel oil without prior approval from the Department. This limit may be exceeded with written authorization from the Department. The plant owner or operator shall notify the Department at least 24 hours prior to processing the contaminated soil and specify the contaminating fuel and quantity, origin of the soil and fuel and the disposition of the contaminated soil. [38 MSRA §608-A, and 06-096 CMR 115, BPT]
- F. FRC shall not process soils which are classified as hazardous waste or which have unknown contaminants. [06-096 CMR 115, BPT]
- G. When processing contaminated soils, FRC shall maintain records which specify the quantity and type of contaminant in the soil as well as the origin and characterization of the contaminated soil. In addition, when processing contaminated soil, FRC shall maintain records of processing temperature, asphalt feed rates and dryer throughput on an hourly basis. The material shall be handled in accordance with the requirements of the Bureau of Remediation and Waste Management. [06-096 CMR 115, BPT]

(17) **Concrete Batch Plant**

- A. Particulate emissions from the cement silo shall be vented through a baghouse and all components of the batch plant shall be maintained so as to prevent PM leaks. [06-096 CMR 115, BPT]
- B. To document maintenance of the cement silo baghouse, the licensee shall keep a maintenance log recording the date and location of all bag failures as well as all routine maintenance. The maintenance log shall be kept on-site at the concrete batch plant location. [06-096 CMR 115, BPT]

- C. Opacity from the cement silo baghouse is limited to no greater than 10% on a 6 minute block average basis, except for no more than one (1) six (6) minute block average in a 1-hour period. FRC shall take corrective action if visible emissions from the baghouse exceed 5% opacity. [06-096 CMR 101]
- D. PM emissions from the concrete batching operation shall be controlled so as to prevent visible emissions in excess of 20% opacity on a six (6) minute block average basis, except for no more than one (1) six (6) minute block average in a 1-hour period. [06-096 CMR 101]

**(18) Rock Crushers**

- A. FRC shall install and maintain spray nozzles for particulate control on each rock crusher and operate them as necessary to limit visible emissions to no greater than 10% opacity on a six (6) minute block average basis. [06-096 CMR 115 (BPT) and 06-096 CMR 101]
- B. FRC shall maintain a log detailing the maintenance on the water spray nozzles. The maintenance log shall be kept on-site at the rock crushing location. [06-096 CMR 115, BPT]
- C. FRC shall maintain a log detailing and quantifying the hours of operation on a daily basis for all of the primary, secondary and tertiary rock crushers. The operation log shall be kept on-site at the rock crushing location. [06-096 CMR 115, BPT]
- D. FRC shall maintain a log detailing the maintenance on particulate matter control equipment (including spray nozzles). FRC shall perform monthly inspections of any water sprays to ensure water is flowing to the correct locations and initiate corrective action within 24 hours if water is found to not be flowing properly. Records of the date of each inspection and any corrective action required will be included in the maintenance log. The maintenance log shall be kept on-site at the rock crushing location. [06-096 CMR 115, BPT]
- E. FRC shall either have an initial performance test performed on the rock crushers per the applicable sections of 40 CFR Part 60, Subpart OOO, §60.675 or provide documentation to the Department that the initial performance test was previously performed. (Documentation that a successful initial performance test was performed outside of Maine may be accepted.)

- F. FRC shall conduct a performance test at least once every five years.
- G. FRC shall submit a test notice to the regional inspector at least 7 days prior to a performance test.
- H. The portable crusher, RC #1, shall not be attached or clamped via cable, chain, turnbuckle, bolt, or other means (except electrical connections) to any anchor, slab, or structure (including bedrock) that must be removed prior to transportation. [06-096 CMR 115, BPT]

**(19) New Source Performance Standards for Rock Crushers**

- A. RC #1, RC #2, RC #3 and RC #4 are subject to 40 CFR Part 60 Subparts A and OOO and FRC shall comply with the notification and record keeping requirements of 40 CFR Part 60.676 and Part 60.7, except for Section (a)(2) of 60.7 per Subpart OOO, §60.676(h).
- B. FRC shall keep records of the results of all performance tests conducted on RC #1, RC #2, RC #3 and RC #4. [40 CFR Part 60.676(f)]

**(20) Diesel Units**

- A. Total fuel use for Boiler #3 and Generators #1 - #5, inclusive, shall not exceed 100,000 gallons per calendar year of diesel fuel with a maximum sulfur content not to exceed 0.05% by weight. Compliance shall be based on fuel receipts from the supplier showing the quantity of fuel delivered and the percent sulfur of the fuel. Records of annual fuel use shall be kept on an annual basis. [06-096 CMR 115, BPT]
- B. Emissions shall not exceed the following:

Emission Unit	Pollutant	lb/MMBtu	Origin and Authority
Generator #1	PM	0.12	06-096 CMR 103(2)(B)(1)(a)
Generator #2	PM	0.12	06-096 CMR 103(2)(B)(1)(a)
Generator #5	PM	0.12	06-096 CMR 103(2)(B)(1)(a)

C. Emissions shall not exceed the following [06-096 CMR 115, BPT]:

Emission Unit	PM (lb/hr)	PM <sub>10</sub> (lb/hr)	SO <sub>2</sub> (lb/hr)	NO <sub>x</sub> (lb/hr)	CO (lb/hr)	VOC (lb/hr)
Generator #1	0.66	0.66	0.28	17.60	4.68	0.50
Generator #2	0.43	0.43	0.19	15.88	3.42	1.26
Generator #3	0.23	0.23	0.10	8.38	1.81	0.67
Generator #4	0.10	0.10	0.04	3.53	0.76	0.28
Generator #5	1.16	1.16	0.50	25.71	1.61	0.92

D. Visible emissions from each of Generators #1 - #5, inclusive, shall not exceed 20% opacity on a six (6) minute block average, except for no more than two (2) six (6) minute block averages in a continuous 3-hour period. [06-096 CMR 101]

(21) **Boiler #3**

A. Emissions shall not exceed the following [06-096 CMR 115, BPT]:

Emission Unit	PM (lb/hr)	PM <sub>10</sub> (lb/hr)	SO <sub>2</sub> (lb/hr)	NO <sub>x</sub> (lb/hr)	CO (lb/hr)	VOC (lb/hr)
Boiler #3	0.22	0.22	0.14	0.81	0.10	0.01

B. Visible emissions from Boiler #3 shall not exceed 20% opacity on a six (6) minute block average, except for no more than one (1) six (6) minute block averages in a continuous 3-hour period. [06-096 CMR 101]

(22) **Stockpiles and Roadways**

Visible emissions from a fugitive emission source shall not exceed an opacity of 20%, except for no more than five (5) minutes in any 1-hour period. Compliance shall be determined by an aggregate of the individual fifteen (15)-second opacity observations which exceed 20% in any one (1) hour. [06-096 CMR 101]

(23) **General Process Sources**

Visible emissions from any other general process sources shall (including non-NSPS crusher conveyor belts, transfer points, bucket elevators, bagging operations, etc.) not exceed an opacity of 20% on a six (6) minute block average basis, except for no more than one (1) six (6) minute block average in a 1-hour period. [06-096 CMR 115, BPT and/or 40 CFR 60, Subpart OOO]

(24) **Equipment Relocation** [06-096 CMR 115, BPT]

- A. FRC shall notify the Bureau of Air Quality, by a written notification at least 48 hours prior to relocation of any equipment carried on this license. Written notice may be sent by mail, facsimile (fax), or e-mail. Notification sent by mail shall be sent to the address below or to a Department Regional Office:

Attn: Relocation Notice  
Maine DEP  
Bureau of Air Quality  
17 State House Station  
Augusta, ME 04333-0017

Equipment relocation notification can also be done on-line with e-notice at [www.maine.gov/dep/air/compliance/forms/relocation](http://www.maine.gov/dep/air/compliance/forms/relocation).

The notification shall include the address of the equipment's new location, an identification of the equipment and the license number pertaining to the relocated equipment.

- B. Written notification shall also be made to the municipality where the equipment will be relocated, except in the case of an unorganized territory where notification will be made to the respective county commissioners.
- (25) FRC shall keep a copy of this Order on site, and have the operator(s) be familiar with the terms of this Order. [06-096 CMR 115, BPT]
- (26) The hot mix asphalt plant is subject to 40 CFR Part 60 Subparts A, and I and FRC shall comply with the notification and recordkeeping requirements of 40 CFR Part 60.7.

F. R. Carroll, Inc.  
York County  
Limerick, Maine  
A-478-71-L-R

16

Departmental  
Findings of Fact and Order  
Air Emission License

- (27) FRC shall notify the Department within 48 hours and submit a report to the Department on a quarterly basis if a malfunction or breakdown in any component causes a violation of any emission standard [38 M.R.S.A. §605-C].

DONE AND DATED IN AUGUSTA, MAINE THIS 23<sup>RD</sup> DAY OF Sept, 2009.  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY:   
DAVID P. LITTELL, COMMISSIONER

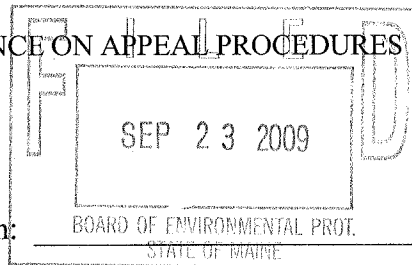
**The term of this license shall be five (5) years from the signature date above.**

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 6/17/2009

Date of application acceptance: 6/29/2009

Date filed with the Board of Environmental Protection:



This Order prepared by N. Lynn Cornfield, Bureau of Air Quality.